

In the Specification:

Replace - paragraph [006]

An exemplary fuel pump assembly mounted in a fuel tank for sending fuel to a fuel injector according to an embodiment of the present invention includes a driving means for supplying a driving force for sending or returning fuel, a reservoir for temporarily reserving fuel from the fuel tank through a check valve mounted on the bottom portion thereof, a first fuel suction device for drawing fuel reserved in the reservoir, a return pipe for returning fuel from the fuel injector to the reservoir; a second fuel suction device for drawing fuel stored in the fuel tank, and a Z-nozzle jet pump portion of which an outlet is connected to a bottom portion of the reservoir. The second fuel suction device and a return pipe are connected to an inlet of the Z-nozzle jet pump portion.

Replace - paragraph [009]

Preferably, one end of the return pipe, which is connected to the Z-nozzle jet pump portion, is bended to the direction of the reservoir.

Replace - paragraph [0010]

Preferably, a first detent is formed on the bottom portion of the reservoir and a hook is formed on the Z-nozzle jet pump portion such that the Z-nozzle jet pump portion is fixed to the reservoir by a connection between the first detent and the hook.

Replace - paragraph [0011]

Preferably, a hole is formed on the second fuel suction device and a second detent is formed on the Z-nozzle jet pump portion such that the second fuel suction device is fixed to the Z-nozzle jet pump portion by connection between the second detent and the hole.

Replace - paragraph [0012]

Preferably, the connection between the second fuel suction device and the Z-nozzle jet pump portion is sealed with thermal fusion.

Replace - paragraph [0016]

FIG. 2 illustrates a connection between a Z-nozzle jet pump portion and a reservoir; and

Replace - paragraph [0017]

FIG. 3 illustrates a fuel flow in the Z-nozzle jet pump portion.

Replace - paragraph [0019]

As shown in FIG. 1, the fuel pump assembly 2 includes a driving means 1, a reservoir 4 mounted in a fuel tank 9, a first fuel suction device 3 for drawing fuel in the reservoir 4, a return pipe 6 for returning fuel, a second fuel suction device 8 for drawing fuel stored in the fuel tank 9, and a Z-nozzle jet pump portion 7 mounted to the reservoir 4. The reservoir 4 receives the driving means 1 and the first fuel suction device 3 therein, and a check valve 5 is mounted on the bottom surface of the reservoir 4 such that fuel in the fuel tank 9 is supplied to the reservoir 4 through the check valve 5. Furthermore, the fuel from a fuel injector (not shown) is returned to the reservoir 4 through the return pipe 6. The fuel temporarily reserved in the reservoir is sent to the fuel injector by the driving force generated by the driving means 1.

Replace - paragraph [0020]

Z-nozzle Jet pump portion 7 is connected to the side of the reservoir 4. An inlet of the Z-nozzle jet pump portion 7 is connected to the return pipe 6 and the second fuel suction device 8, and the outlet of the Z-nozzle jet pump portion is connected to the reservoir 4.

Replace - paragraph [0021]

As shown in FIG. 2, a first detent 10 is formed on the reservoir 4 and a hook 11 is formed on the Z-nozzle jet pump portion 7. The first detent 10 and the hook 11 are complementarily combined such that the Z-nozzle jet pump portion 7 is fixed to the reservoir 4. Furthermore, a second detent 12 is formed on the Z-nozzle jet pump portion 7 and a hole 13 is formed on

the connecting pipe of the second fuel suction device 8. The second detent 12 and the hole 13 are complementarily combined such the second fuel suction device 8 is fixed to the Z-nozzle jet pump portion 7.

Replace - paragraph [0022]

Preferably, the connection between the Z-nozzle jet pump portion 7 and the second fuel suction device 8 is sealed with thermal fusion for preventing the fuel from permeating through the connection. The Z-nozzle jet pump portion 7 has two inlets respectively communicated with the return pipe 6 and the second fuel suction device 8, and one outlet communicated with the reservoir 4.

Replace - paragraph [0023]

The second fuel suction device 8 horizontally extends with respect to the fuel tank 9, and the return pipe 6 is fixed to the upper portion of the Z-nozzle jet pump portion 7. The second fuel suction device 8 faces the bottom surface of the fuel tank 9 such that when the fuel in the fuel tank 9 is driven to the corner, fuel can still be supplied to the reservoir 9.

Replace - paragraph [0024]

As described above, the Z-nozzle jet pump portion 7 has two inlets respectively communicating with the return pipe 6 and the second fuel suction device 8, and one outlet communicating with the reservoir 4. Fuel flow from the return pipe 6 and the second fuel suction device 8 passes through the Z-nozzle jet pump portion 7 and is supplied to the reservoir 4. The return pipe 6 is connected to the upper portion of the Z-nozzle jet pump portion 7 and curved in the direction of the reservoir 4 inside of the Z-nozzle jet pump portion.

Replace - paragraph [0025]

Accordingly, when the fuel is returned by the fuel return pipe 6 and flows through the Z-nozzle jet pump portion 7, the return pipe 6 functions as an orifice such that the fuel in the fuel tank is drawn by the second fuel suction device 8, and is supplied to the fuel reservoir 4

without any additional driving means for the second fuel suction device 8. Specifically, even though the fuel is driven to the corner of the fuel tank 9 such that the fuel can not be supplied to the reservoir 4 through the check valve 5, the fuel driven to the corner is drawn by the second fuel suction device 8 and can be supplied to the fuel reservoir 9.